



Restek® Air

# Aura™ Personal Air Samplers

## A New Approach for Industrial Hygiene

Designed to meet OSHA and NIOSH requirements, the innovative Aura™ personal air sampler overcomes the limitations of sorbent tubes and badges.

- Broader utility
- Wider effective range
- Does not use solvents or electricity
- No breakthrough



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# Aura™ Personal Air Samplers

## A New Approach for Industrial Hygiene

The Aura™ personal air sampler from Restek is setting a brand new benchmark in sampling technology. This innovative passive sampling device is designed to meet OSHA and NIOSH requirements, while overcoming the limitations of sorbent tubes and badges.

## Benefits of Aura™ Personal Air Samplers

- **Quiet, robust sampler does not require a pump** and manages variations in face velocity, temperature, and humidity better than traditional sampling approaches.
- Whole air sampling **allows multiple analyses of >100 VOCs**. Broader utility than analyte-specific sorbent techniques.
- **Wider effective range than sorbent tubes and badges**. Sensitive down to pptv levels with no breakthrough even at ppmv levels.
- **Easy to operate**—a simple, quick connection starts and stops flow; does not require flow calibration.
- **Green technology** does not use electricity or solvents.
- Downloadable XLS file available online for easy, accurate flow calculation.



**Aura™ personal air sampler kits include everything you need for easy, accurate sampling.**

### Aura™ Personal Air Sampler Kit Components

- A – 400 cc miniature canister with 1/4" quick-connect stem (quantity 1)
- B – 1/8" quick-connect body (quantity 1)
- C – disposable 8-hour sampler lines (quantity 10)
- D – holster (quantity 1)
- E – sampler line clip (quantity 1)
- F – belt (quantity 1)
- G – clean-cut tubing cutter (quantity 1)

## Compare Aura™ technology to your current approach and see why it's a better way to sample!

Feature	Aura Personal Air Sampler	Active Sorbent Tubes	Passive Badges/Tubes
Technology	Whole air	Field concentration	Field concentration
Technique	Passive	Active	Passive (diffusion)
Sampling pump required	No	Yes	No
Flow calibration required	No	Yes	No
Electricity required	No	Yes	No
Affected by face velocity	No	No	Yes
Affected by temperature	No	No	Yes
Affected by relative humidity	No	No	Yes
Solvents required	No	Yes (except for thermal desorption)	Yes (except for thermal desorption)
Subject to breakthrough	No	Yes	Yes
Sensitivity	pptv	ppbv	ppmv
Analytes	C1-C10	Sorbent specific	Sorbent specific
Stability	30 days	Analyte specific	Analyte specific
Weight	0.95 lb (0.43 kg)	1.5 lb (0.68 kg)	0.04 lb (0.02 kg)
Noise	Non-detectable	65 dBA at 1 m	NA

Upgrade to Aura™ personal air samplers today!

[www.restek.com/Aura](http://www.restek.com/Aura)

Whether you work in a plant or in a lab, Aura™ personal air samplers are quiet, comfortable, and don't get in your way. Fully adjustable and designed to stay in place!



## Aura™ Personal Air Sampler Kits

- New personal air sampling technology designed to meet OSHA and NIOSH requirements for industrial hygiene applications.
- Quiet, robust sampler does not require a pump and manages variations in face velocity, temperature, and humidity better than traditional sampling approaches.
- Easy to operate—a simple, quick connection starts and stops flow; does not require flow calibration.
- Whole-air sampling approach affords multiple analyses of over 100 VOCs. Broader utility than analyte-specific sorbent techniques.
- Wider effective range than sorbent tubes and badges. Sensitive down to pptv levels and not subject to sample breakthrough even at ppmv levels.
- Green technology does not use electricity or solvents.
- Fully adjustable for a comfortable, secure fit.
- Downloadable XLS file simplifies flow calculation.

Description	Electropolished cat.#	Siltek Treated cat.#
Aura Personal Air Sampler Kit (Includes: 400 cc miniature canister with 1/8" quick-connect stem, quick-connect body, holster and belt, 10-pk. of disposable 8-hour sampler lines, tubing cutter, and lapel clip)	26484	26485

## Aura™ Personal Air Samplers (Disposable 8-Hour Sampler Lines)

Description	cat.#/ea.	cat.#/10-pk.
Aura Personal Air Samplers (Disposable 8-Hour Sampler Line)	26475	26476

## Replacement 2 µm Frits for Aura™ Personal Air Samplers

Description	cat.#/ea.	cat.#/10-pk.
2 µm Frit for Aura Personal Air Sampler	26477	26478

## Replacement Filter with 2 µm Frit for Aura™ Personal Air Samplers

Description	qty.	cat.#
Filter with 2 µm Frit for Aura Personal Air Samplers	ea.	26479

## Accessories for Aura™ Personal Air Samplers

Description	Length	qty.	cat.#
Holster and Belt for Aura Personal Air Sampler		ea.	26480
Belt Extension for Aura Personal Air Sampler	adjustable, 12–24" (30.5–61 cm)	ea.	26481
Lapel Clip		ea.	26486

## Replacement 1/8" Quick-Connect Body for Aura™ Personal Air Samplers

Description	qty.	cat.#
Replacement 1/8" Quick-Connect Body for Aura Personal Air Sampler	ea.	26482
Replacement 1/8" Quick-Connect Body with 1/4" Adaptor for Aura Personal Air Sampler	ea.	26483



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